

**OFFICIAL**

Attorney Docket No.: ER-090-US-01

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: Nate Hill    Art Unit: 3635  
Serial No.: 09/867,046    Examiner: Horton  
Filed: May 29, 2001  
Title: METAL PLASMA SURFACE MODIFIED THERMAL BARRIER  
CHANNEL

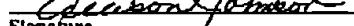
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
**MAIL STOP AMENDMENT**

**RESPONSE**

In response to the outstanding Office action dated April 26, 2004, Applicant submits the following remarks.

**CERTIFICATE OF TRANSMISSION**

I hereby certify under 37 CFR §1.8(a) that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, facsimile number (703) 872-9306, on July 26, 2004.

  
SignatureAllison Johnson

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